

CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO.

COUNTRY Germany (Russian Zone)

50X1-HUM

SUBJECT Plans for Research and Production at
the Oberspreewerke during October 1948

DATE DISTR. 21 Oct. 1949

NO. OF PAGES 4 50X1-HUM

PLACE
ACQUIREDNO. OF ENCLS.
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SUPPLEMENT TO
REPORT NO.

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Comment: The following information, although outdated, is forwarded
to you in the belief that it may still be of interest to you.

1. The manufacture of 7" cathode-ray tubes has been stopped because of the appearance of an ionic spot, and because several tubes had some small dark patches caused by impurities. This latter fault would not matter for normal television tubes, and hence it is considered by the German experts in the factory that they are designed for the observation of point images. The Russians should be able to cure the first fault, since the last research samples delivered by the tube factory in Gornsdorf had no ionic spot.

The TS 41 is a transmitting tube for 4-6 meters and 150 watts power. It is designed for therapeutical purposes. Deliveries were made to Koch & Sterzel, Dresden, and Siemens-Reiniger-Werke A.G., Ruckelstadt.

The 829B is designed for use in 1.2-1.4 meter portable transmitters. It is a modulator for the 5D21 for use in pulse transmitters.

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It is intended to start manufacture of the standard 6SA7 converter tubes. Only Standard American and Russian type tubes are to be built in the future.

5. Leshmanov has taken over the control of the factory from Ivanov, who was temporarily in charge after Wildgrube left. A new chief engineer, Tobishenko has arrived.
6. Plan for the experimental plant for the manufacturing and delivery of tubes during October 1948:

Amplifier and Transmitter Tubes

Can be
With Balance Manufactured Remarks

CSW 2540	"Aufbauten"	ready for evacuation	50		
CSW 2584	"	"	8		
CSW 2585	"	"	16		
CSW 2432	"	"	50	10	10
CSW 2432				20	-
OSW 2021 Δ	"	"	20	10	10
CSW 2582	"	"	50	6	6
				15	15
OSW 2013a				35	35
RS 255	"	"	4	2	2

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		<u>With Balance</u>	<u>Can be Manufactured</u>	<u>Remarks</u>
Anode units	10			
OSW 2332B "Aufbauten" ready for evacuation	30			
<u>Image Tubes</u>				
OSW 2067 "Aufbauten"	6	3	3	
OSW 2333 "	10			
OSW 2569 "	25	5	5	
		5	5	
OSW 2541 "	25			
		3	3	
OSW 2068b "		7	7	
OSW 2205	10	7	5	
OSW 2144 "		2	2	Sensitive to red
		4	4	Sensitive to green
OSW 2146		5	5	
OSW 2586 Experimental work				
<u>Discharge Tubes</u>				
OSW 2575 "Aufbauten"	10			
OSW 2525		2	2	
		16	-	
OSW 2452		2	-	
OSW 2544 "	10			
OSW 2455		15	15	
OSW 2460		15	-	
OSW 2565 "	3	-	8	
OSW 2564 "	10			
OSW 2523		78	78	Fulfillment
OSW 2524		42	5	can if necessary
OSW 2498		70	-	be sacrificed on behalf of OSW 2565
OSW 2499		-	60	
<u>Spectral Tubes</u>				
OSW 2526		101	65	
<u>Stabilizers</u>				
OSW 2447		70	70	
OSW 2450		200	200	

7. Tube delivery plan for the production plant during October 1948

<u>Amplifier Tubes</u>	<u>According to plan</u>	<u>Can be manufactured</u>
OSW 2190	14500	14500
OSW 2192	-	-
OSW 2600	number depending on performance	
OSW 2601	number depending on performance	

Metal Ceramic Tubes

OSW 2166	100	100
OSW 2004	150	150
OSW 2008	-	-
OSW 2006	-	-

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<u>Transmitter Tubes</u>	<u>According to plan</u>	<u>Can be manufactured</u>
TS 41	239	160
<u>Image Tubes</u>		
OSW 2390	378	-
OSW 2391	100	-
OSW 2586	-	-
<u>Measuring Tubes</u>		
OSW 2183	100	100
OSW 2184	15	15
OSW 2185	15	15
<u>Stabilizers</u>		
STV 70/6	-	-
STV 75/15z	-	-
STV 100/25z	-	-
STV 150/20	100	100
STV 280/40	250	250
STV 280/40z	100	100
STV 280/80	11	11
STV 280/150z	-	-
OSW 2608	1,000	1,000
<u>Rectifier Tubes</u>		
OSW 2032	5	3
N 190/6	20	20
N 190/10	84	15
N 110/20	48	10
N 190/20	45	-
N 280/20	20	-
S 5/1 i	53	15
S 5/6 i	40	15
S 15/150	8	2
S 1/0, 21 II A	30	30
S 7,5/0,6	28	28
<u>X-Ray Tubes and Valves</u>		
DEW 200/15	5	5
WO 200/30	5	5
V 150/502p	100	100
<u>Other</u>		
"Pulverröhrensicherungen"	1,000	1,000
TS 41	-	-

8. Delivery plan for cathode production in October 1948

	<u>Grid</u>	<u>"Wendeln"</u>	<u>Cathode Cases</u>
OSW 2190	20,000 "Febe"	40,000	40,000
OSW 2166)			
OSW 2004)			600 Cathode apparatuses
OSW 2183	500 "Bato"	1,000	
TS 41		500	

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	<u>Grid</u>	<u>"Wendeln"</u>	<u>Cathode Cases</u>
OSW 2013	According to demand		
OSW 2540		250	10 daily beginning 1 Oct.
OSW 2432			100 complete cathodes
			25 pieces weekly
OSW 2021			
OSW 2582	120 "Bato"		400 complete cathodes
			until 26 Oct.
OSW 2569	34 "Bato"		80 "Steuertopf"
			with cathodes
OSW 2541	66 "Bato"		until further notice

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